

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/807, 517  
Source: 1Fw9  
Date Processed by STIC: 4/11/06

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IFWO

## RAW SEQUENCE LISTING

DATE: 04/11/2006

PATENT APPLICATION: US/10/807,517

TIME: 11:09:28

Input Set : D:\P-2762-US3.txt

Output Set: N:\CRF4\04112006\J807517.raw

3 <110> APPLICANT: GTx, Inc.  
 4 et al.,, Steiner  
 5 Steiner, Et al.,  
 7 <120> TITLE OF INVENTION: ISOLATED NUCLEIC ACIDS ENCODING RAT P-HYDE PROTEIN  
 9 <130> FILE REFERENCE: P-2762-US3  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/807,517  
 C--> 11 <141> CURRENT FILING DATE: 2004-03-24  
 11 <160> NUMBER OF SEQ ID NOS: 9  
 13 <170> SOFTWARE: PatentIn version 3.3  
 15 <210> SEQ ID NO: 1  
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 25 cccgatgagg cccccaaagt gagcatcctg ggtagcgggg actttgcccg ctccctggcc 180  
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 35 catcgtgagt ccaatgctga gtacctggcc tccctcttcc ccacttgac agtggtcaag 480  
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 43 cccctgcgcc tctcccgcc ctggaagggtg cccaccctgc tggccctggg gctcttcgtc 720  
 45 tgcttctatg cctacaactt cgtccgggac gttctgcagc cctatgtgca ggaaagccag 780  
 47 aacaagttct tcaagctgcc cgtgtccgtg gtcaacacca cactgccgtg cgtggcctac 840  
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98 20 25 30
101 Ile Leu Gly Ser Gly Asp Phe Ala Arg Ser Leu Ala Thr Arg Leu Val
102 35 40 45
105 Gly Ser Gly Phe Lys Val Val Val Gly Ser Arg Asn Pro Lys Arg Thr
106 50 55 60
109 Ala Arg Leu Phe Pro Ser Ala Ala Gln Val Thr Phe Gln Glu Glu Ala
110 65 70 75 80
113 Val Ser Ser Pro Glu Val Ile Phe Val Ala Val Phe Arg Glu His Tyr
114 85 90 95
117 Ser Ser Leu Cys Ser Leu Ser Asp Gln Leu Ala Gly Lys Ile Leu Val
118 100 105 110
121 Asp Val Ser Asn Pro Thr Glu Gln Glu His Leu Gln His Arg Glu Ser
122 115 120 125
125 Asn Ala Glu Tyr Leu Ala Ser Leu Phe Pro Thr Cys Thr Val Val Lys
126 130 135 140
129 Ala Phe Asn Val Ile Ser Ala Trp Thr Leu Gln Ala Gly Pro Arg Asp
130 145 150 155 160
133 Gly Asn Gly Gln Val Pro Ile Cys Gly Asp Gln Pro Glu Ala Lys Arg
134 165 170 175
137 Ala Val Ser Glu Met Ala Leu Ala Met Gly Phe Met Pro Val Asp Met
138 180 185 190
141 Gly Ser Leu Ala Ser Ala Trp Glu Val Glu Ala Met Pro Leu Arg Leu
142 195 200 205
145 Leu Pro Ala Trp Lys Val Pro Thr Leu Leu Ala Leu Gly Leu Phe Val
146 210 215 220
149 Cys Phe Tyr Ala Tyr Asn Phe Val Arg Asp Val Leu Gln Pro Tyr Val
150 225 230 235 240
153 Gln Glu Ser Gln Asn Lys Phe Phe Lys Leu Pro Val Ser Val Val Asn
154 245 250 255
157 Thr Thr Leu Pro Cys Val Ala Tyr Val Leu Leu Ser Leu Val Tyr Leu
158 260 265 270
161 Pro Gly Val Leu Ala Ala Ala Leu Gln Leu Arg Arg Gly Thr Lys Tyr
162 275 280 285
165 Gln Arg Phe Pro Asp Trp Leu Asp His Trp Leu Gln His Arg Lys Gln
166 290 295 300
169 Ile Gly Leu Leu Ser Phe Phe Cys Ala Ala Leu His Ala Leu Tyr Ser
170 305 310 315 320
173 Phe Cys Leu Pro Leu Arg Arg Ala His Arg Tyr Asp Leu Val Asn Leu

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181 Val Trp Arg Met Glu Ile Tyr Leu Ser Leu Gly Val Leu Ala Leu Gly
182          355          360          365
185 Thr Leu Ser Leu Leu Ala Val Thr Ser Leu Pro Ser Ile Ala Asn Ser
186          370          375          380
189 Leu Asn Trp Arg Glu Phe Ser Phe Val Gln Ser Ser Leu Gly Phe Val
190 385          390          395          400
193 Ala Leu Val Leu Ser Thr Leu His Thr Leu Thr Tyr Gly Trp Thr Arg
194          405          410          415
197 Ala Phe Glu Glu Ser Arg Tyr Lys Phe Tyr Leu Pro Pro Thr Phe Thr
198          420          425          430
201 Leu Thr Leu Leu Val Pro Cys Val Val Ile Leu Ala Lys Ala Leu Phe
202          435          440          445
205 Leu Leu Pro Cys Ile Ser Arg Arg Leu Ala Arg Ile Arg Arg Gly Trp
206          450          455          460
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220 <213> ORGANISM: Human
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227 cccgatgagg cccccaaagt gagcatcctg ggtagcgggg actttgcccc ctccctggcc 180
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233 gaggtcatct ttgtggctgt gttccgggag cactactctt cactgtgcag tctcagtgc 360
235 cagctggcgg gcaagatcct ggtggatgtg agcaacccta cagagcaaga gcaccttcag 420
237 catcgtgagt ccaatgctga gtacctggcc tccctcttcc ccacttgcac agtgggtcaag 480
239 gccttcaatg tcatctctgc ctggaccctg caggctggcc caagggatgg taacgggcag 540
241 gtgcccattc gcggtgacca gccagaagcc aagcgtgctg tctcggagat ggcgctcgcc 600
243 atgggcttca tgcccgtgga catgggatcc ctggcgtcag cctgggaggt ggaggccatg 660
245 cccctgcgcc tccctccggc ctggaagggtg cccaccctgc tggccctggg gctcttcgtc 720
247 tgcttctatg cctacaactt cgtccgggac gttctgcagc cctatgtgca ggaaagccag 780
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265 ggcagtggaa cccgaagacc tgaatctcag tcccaagacc cccacttacc tgccccgcat 1320
267 catcagacaa gtttcctagg ccctcggagc ttctgctgct cacttgtgcc tgtgtccacc 1380

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273 gcacacgctc acctacgggt ggacccgcgc cttcgaggag agccgctaca agttctacct 1560
275 gcctcccacc ttcacgtca cgtgctgggt gccctgcgtc gtcacctcgtg ccaaagccct 1620
277 gtttctcctg ccctgcatca gccgcagact cgccaggatc cggagagggt gggagaggga 1680
279 gagcaccatc aagttcacgc tgccacaga ccacgccctg gccgagaaga cgagccacgt 1740
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283 ttaggttttc ttttcttggg ggtgcaaagt ggtataactg tgtgcaaata ggaggtttga 1860
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287 gtgtatatgt atttaccatat attccacata tataacagga tttgcaatta tacatagcta 1980
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311 Ile Leu Gly Ser Gly Asp Phe Ala Arg Ser Leu Ala Thr Arg Leu Val
312 35 40 45
315 Gly Ser Gly Phe Lys Val Val Val Gly Ser Arg Asn Pro Lys Arg Thr
316 50 55 60
319 Ala Arg Leu Phe Pro Ser Ala Ala Gln Val Thr Phe Gln Glu Glu Ala
320 65 70 75 80
323 Val Ser Ser Pro Glu Val Ile Phe Val Ala Val Phe Arg Glu His Tyr
324 85 90 95
327 Ser Ser Leu Cys Ser Leu Ser Asp Gln Leu Ala Gly Lys Ile Leu Val
328 100 105 110
331 Asp Val Ser Asn Pro Thr Glu Gln His Leu Gln His Arg Glu Ser
332 115 120 125
335 Asn Ala Glu Tyr Leu Ala Ser Leu Phe Pro Thr Cys Thr Val Val Lys
336 130 135 140
339 Ala Phe Asn Val Ile Ser Ala Trp Thr Leu Gln Ala Gly Pro Arg Asp
340 145 150 155 160
343 Gly Asn Gly Gln Val Pro Ile Cys Gly Asp Gln Pro Glu Ala Lys Arg
344 165 170 175
347 Ala Val Ser Glu Met Ala Leu Ala Met Gly Phe Met Pro Val Asp Met
348 180 185 190
351 Gly Ser Leu Ala Ser Ala Trp Glu Val Glu Ala Met Pro Leu Arg Leu
352 195 200 205
355 Leu Pro Ala Trp Lys Val Pro Thr Leu Leu Ala Leu Gly Leu Phe Val
356 210 215 220
359 Cys Phe Tyr Ala Tyr Asn Phe Val Arg Asp Val Leu Gln Pro Tyr Val
360 225 230 235 240
363 Gln Glu Ser Gln Asn Lys Phe Phe Lys Leu Pro Val Ser Val Val Asn

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Input Set : D:\P-2762-US3.txt

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372          275          280          285
375 Gln Arg Phe Pro Asp Trp Leu Asp His Trp Leu Gln His Arg Lys Gln
376          290          295          300
379 Ile Gly Leu Leu Ser Phe Phe Cys Ala Ala Leu His Ala Leu Tyr Ser
380 305          310          315          320
383 Phe Cys Leu Pro Leu Arg Arg Ala His Arg Tyr Asp Leu Val Asn Leu
384          325          330          335
387 Ala Val Lys Gln Val Leu Ala Asn Lys Ser His Leu Trp Val Glu Glu
388          340          345          350
391 Val Trp Arg Met Glu Ile Tyr Leu Ser Leu Gly Val Leu Ala Leu Gly
392          355          360          365
395 Thr Leu Ser Leu Leu Ala Val Thr Ser Leu Pro Ser Ile Ala Asn Ser
396          370          375          380
399 Leu Asn Trp Arg Glu Phe Ser Phe Val Gln Cys Val Ala Thr Ser Ser
400 385          390          395          400
403 Ala Gly Asn Thr Gly Ser Gly Thr Arg Arg Pro Glu Ser Gln Ser Gln
404          405          410          415
407 Asp Pro His Leu Pro Ala Pro His His Gln Thr Ser Phe Leu Gly Pro
408          420          425          430
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/807,517

DATE: 04/11/2006

TIME: 11:09:29

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Output Set: N:\CRF4\04112006\J807517.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date